

Roll No. 

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech.(IT)(E-I 2011 Onwards) (Sem.-6)

**MULTIMEDIA DATABASES**

Subject Code : BTIT-902

M.Code : 71176

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A****Q1. Define the following :**

- a) Point Quadtree
- b) Trees
- c) Segmentation
- d) Precision
- e) Abstraction
- f) TV-Tree
- g) Video Standards
- h) UML
- i) Frequency Table
- j) Spatial Data

### SECTION-B

- Q2. Compare MX-Quadtree and R-Tree.
- Q3. How ER model is extended with spatial concepts?
- Q4. Discuss the process of Video Segmentation.
- Q5. Write a note on Temporal Presentation Constraints.
- Q6. Explain Querying content of video libraries.

### SECTION-C

- Q7. Describe the architecture of Multimedia Database in details.
- Q8. Discuss the process of extending the SQL for spatial data.
- Q9. Describe how to create distributed multimedia presentations.

**NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.**